

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE ☒ WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

OPERATOR NAME CHANGE 11-26-79

DATE FILED **6-15-77**

LAND: FEE & PATENTED _____ STATE LEASE NO. **State 27404** PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: **6-9-77**

SPUDDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: **11-14-79-Location Abandoned; Approval suspended until drilling commences**

FIELD: **Wildcat 3/86 Peterson Springs**

UNIT: _____

COUNTY: **Grand**

WELL NO. **State 404-#1**

API NO: **43-019-30369**

LOCATION **520'** FT. FROM (N) ~~XX~~ LINE. **3225'** FT. FROM (E) ~~XX~~ LINE. **NE NW** $\frac{1}{4}$ - $\frac{1}{4}$ SEC. **23**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				17S	21E	23	TEXOMA PRODUCTION CO.

FILE NOTATIONS

Entered in NID File



Entered On S R Sheet

Location Map Pinned

Card Indexed



✓ I W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

OW _____ WW _____ TA _____

Bond released

GW _____ OS _____ PA _____

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☐Gas Well ☒Other ☐Single Zone ☒Multiple Zone ☐

2. Name of Operator

The Anschutz Corporation, Inc.

3. Address of Operator

1110 Denver Club Building, Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

520' FNL, 3225' FEL (NE NW)

At proposed prod. zone

Same

14. Distance in miles and direction from nearest town or post office*

84.5 miles from Thompson, Utah

15. Distance from proposed*

location to nearest property or lease line, ft. 520'

(Also to nearest drlg. line, if any)

16. No. of acres in lease

2400 A

17. No. of acres assigned to this well

640 A

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

8900'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

8236' Ground, 8246' KB

22. Approx. date work will start*

July 1, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4	9 5/8	43.5	650'	300 sacks
8 3/4	7	35.0	6200'	300 sacks
6 1/8	4 1/2	9.5	8900'	200 sacks

1. It is planned to drill this well with air or air mist, or brine if the Wasatch Formation is wet.
2. This is a Morrison Test.
3. GR - FDC - SNP logs are planned for this well, with samples to be caught from beneath surface casing to T.D.
4. Location and access maps are attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. George H. Fentress
Signed: George H. Fentress Agent Consultant for
Title: The Anschutz Corporation Date: May 4, 1977

(This space for Federal or State office use)

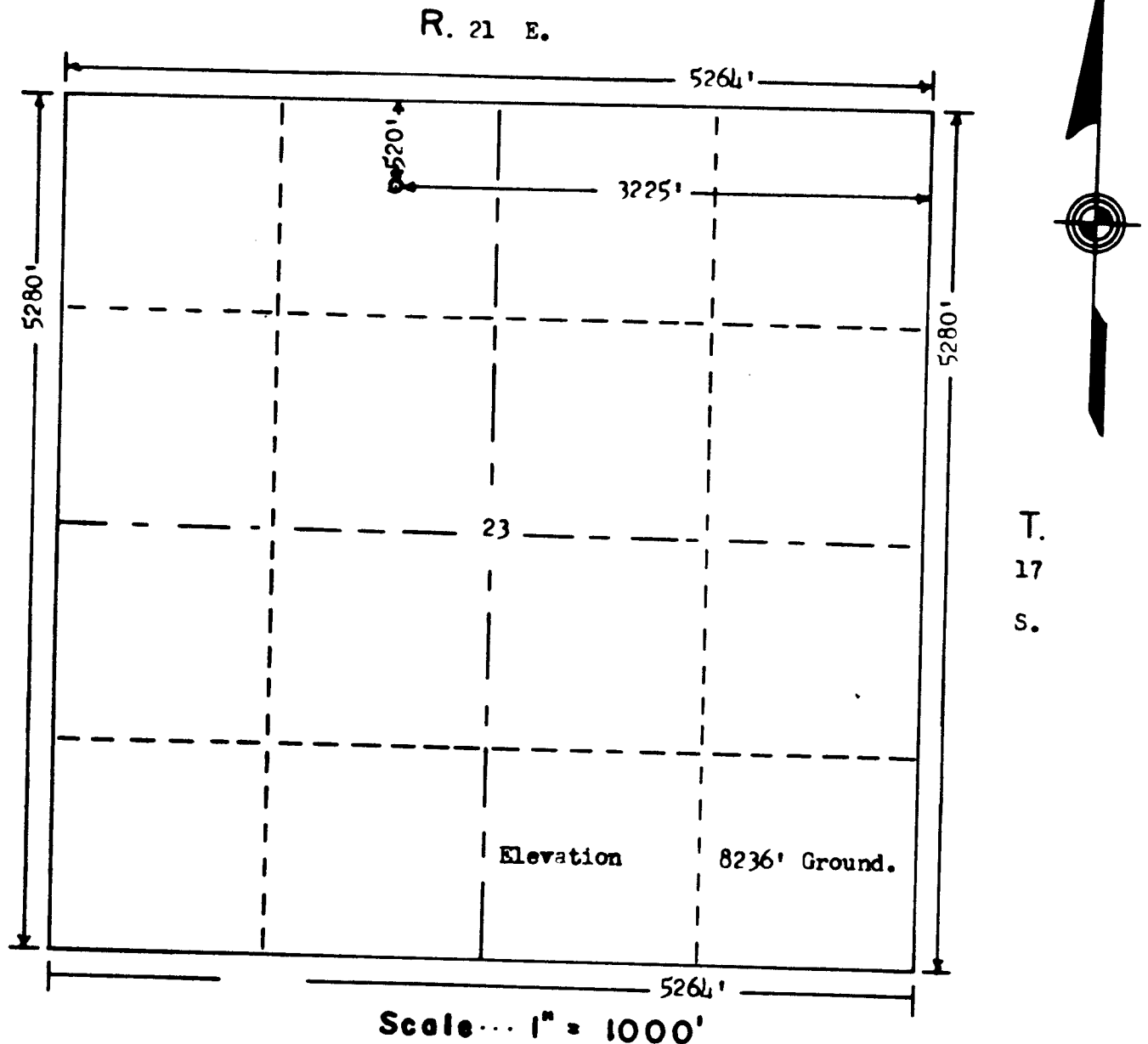
Permit No. B-019-30369

Approval Date

Approved by: _____
Conditions of approval, if any:

Title

Date

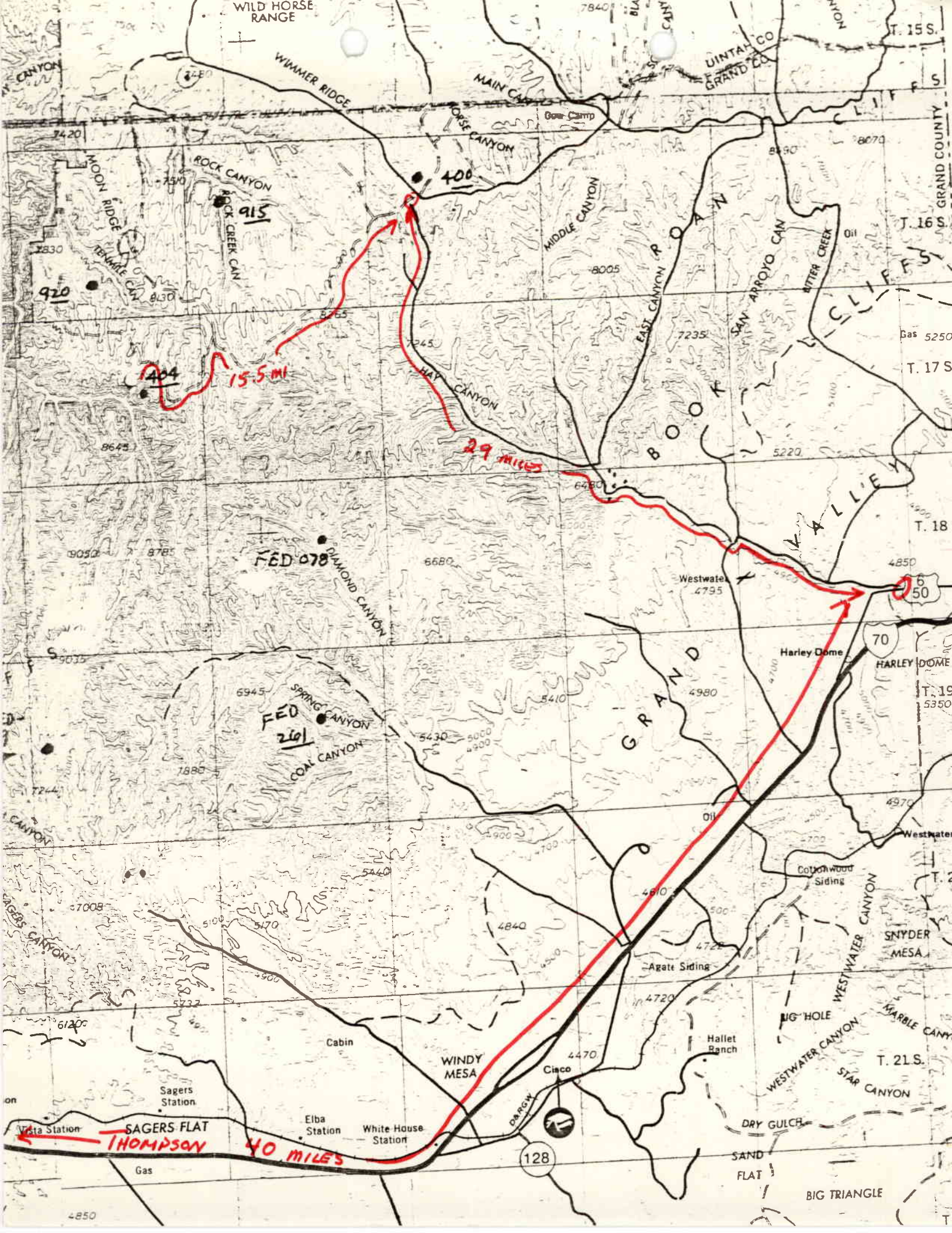


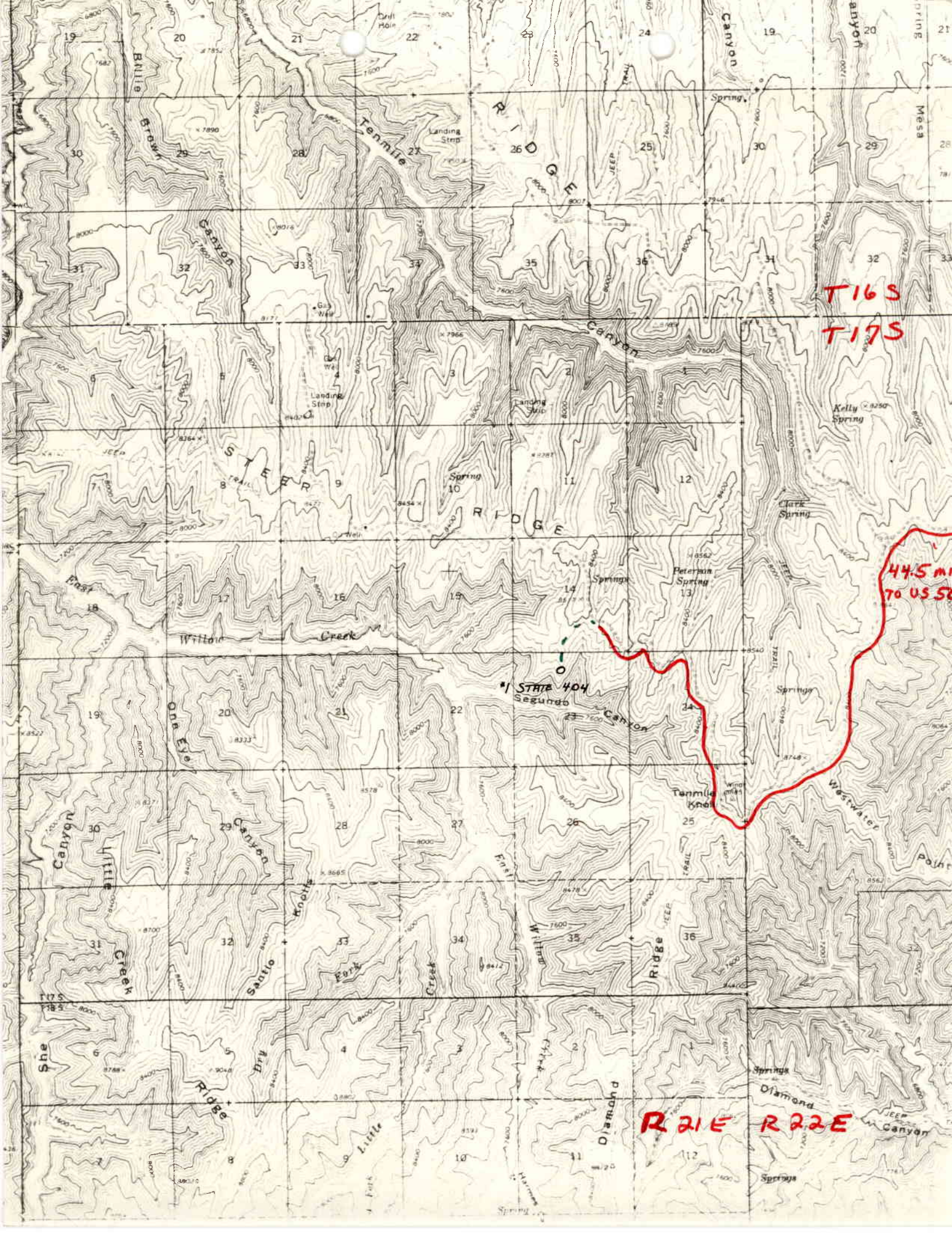
Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from George Fentress
for The Anschutz Corporation
determined the location of #1 State 27404
to be 520'FN & 3225'FE Section 23 Township 17 S.
Range 21 E. of the Salt Lake Meridian
Grand County, Utah

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#1 State 27404

Date: 4-22-77

T. Fentress
Licensed Land Surveyor No. 2711
State of Utah





ENVIRONMENTAL ASSESSMENT

for

ANSCHUTZ #1 STATE 404
WILDCAT OIL AND/OR GAS WELL

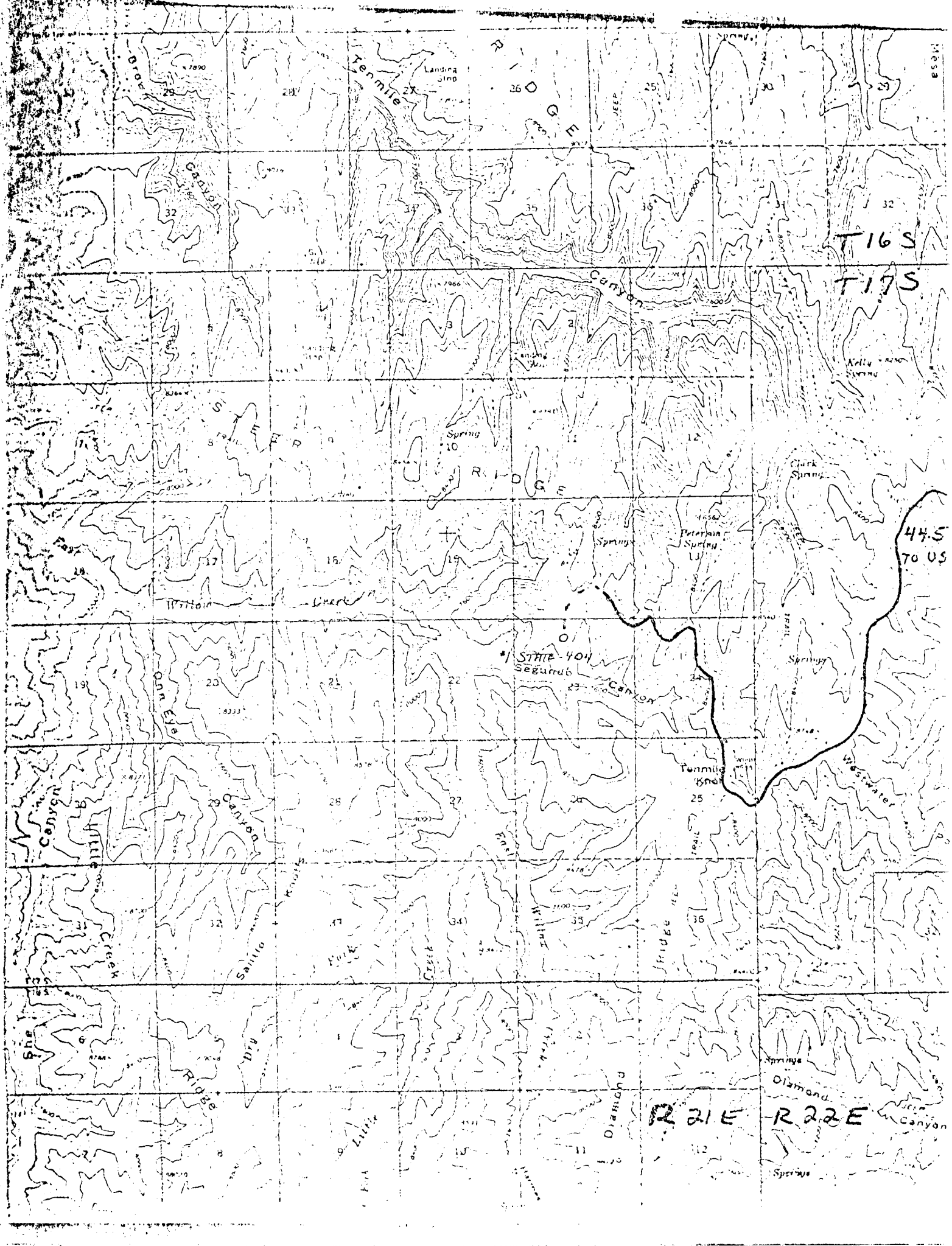
on

STATE OF UTAH ML 27404
NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 23,
Township 17 South, Range 21 East
Grand County, Utah

May 9, 1977

Prepared by:

UTAH DIVISION OF OIL, GAS, AND MINING
Patrick L. Driscoll, Chief Petroleum Engineer



I. DESCRIPTION OF THE PROPOSED ACTION:

Anschutz Corporation plans to drill a well on the existing State Oil and gas lease on Section 23, Township 17 South, Range 21 East, SLBM, to determine the liquid hydrocarbon potential of several geologic formations. Tests will be performed in the Mesaverde, Mancos, Dakota, Morrison formations. Maximum depth of drilling will be about 9,000 feet.

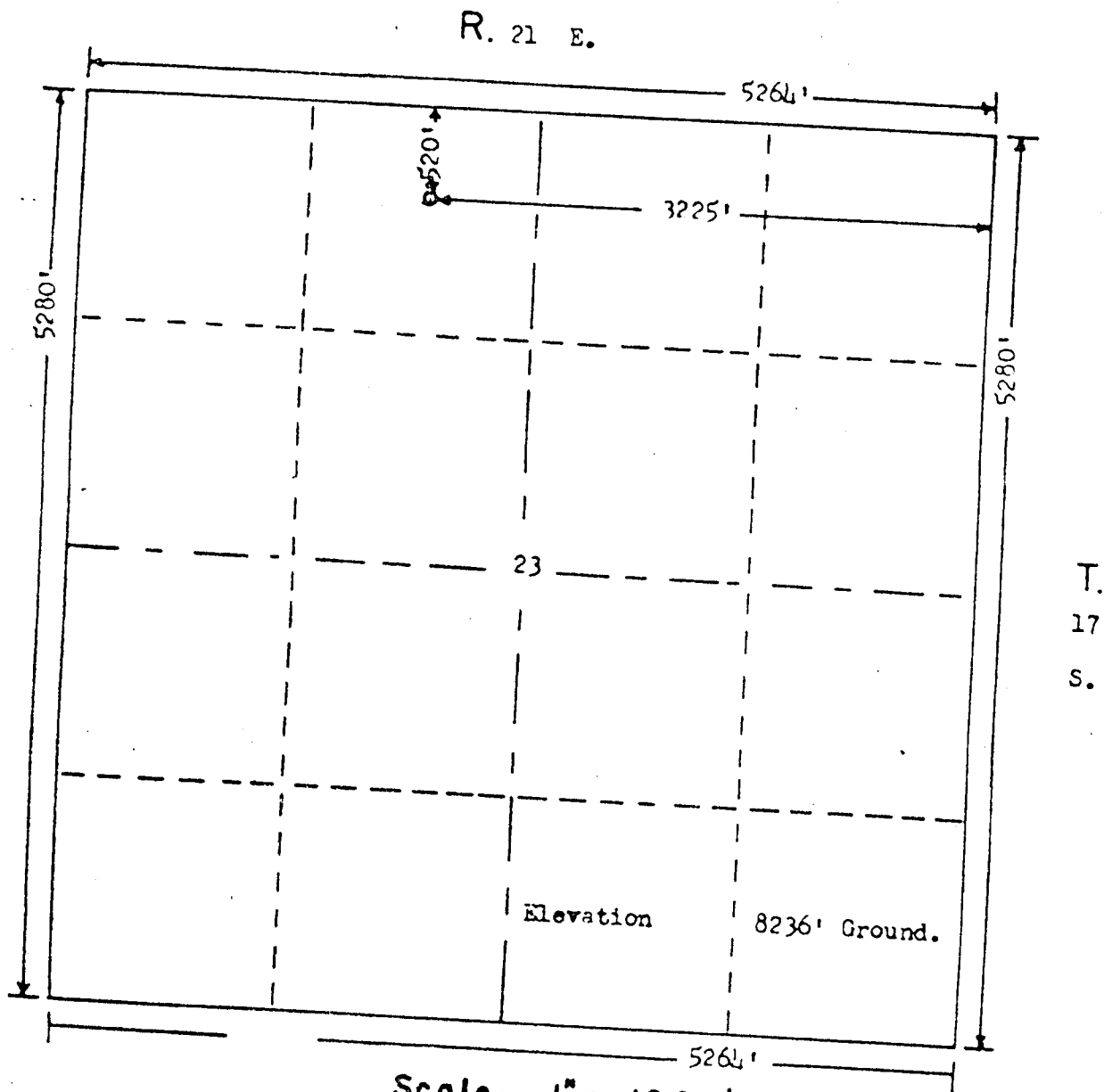
Surface facilities will cover an area of about 250' x 300'. The location of the well on Section 23 is shown on Plat #1.

The road to the proposed location commences at the Hay Canyon exit from U.S. 6-50 and goes 29 miles up the Hay Canyon road to a junction on top of the cliffs. Turn left and proceed 15.5 miles. From this point, it will be necessary to construct approximately 1 mile of new road.

The majority of the environment affected by this project will be along the road course. The road begins in the mountain brush type at 8,200' in elevation and proceeds south through this type toward the Segundo Canyon drainage. The dip from the existing road to the proposed location is slight; estimated at 2°- 3°.

(A) Physical Environment:

This localized area of the southern Book Cliffs region is characterized by moderately steep slopes, the result of canyons deeply incised into the surface Wasatch and Green River formations. Flood plain alluvial valleys have formed in the major canyon bottoms, especially in the lower reaches of Cottonwood Creek. The upper slopes and the heads



Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from George Pentress
for The Anschutz Corporation
determined the location of #1 State 27404
to be 520' FN & 3225' FE Section 23 Township 17 S.
Range 21 E. of the 3rd Line Meridian
Grand County, Utah

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#1 State 27404

Date: 4-22-77

T. K. Kiser
Licensed Land Surveyor No 2721
State of Utah

of most drainages are characterized by massive sandstone outcrops with scattered interbedded lenticular shales.

Precipitation in this area totals approximately 15" annually, the majority of which falls during the winter months. Summer precipitation falls in the form of short, violent thunderstorms. Temperature extremes are -20° to $+90^{\circ}$ F. Freezing temperatures and frost may occur during any month of the year with the right meteorological condition.

Soils are a function of the active weathering process upon parent rocks in the area and therefore are highly variable in depth and composition. In the canyon bottoms soils forming in the colluvial and alluvial deposits range from 1' to 5' in depth. On the canyon sides soils have accumulated, but the parent rock, mostly Wasatch sandstone, outcrops occasionally. The soils exhibiting the most structure are found in the North and East facing slopes of Segundo Canyon. In the project area the slopes are relatively stable. No signs of landslides, slumps, or snowslides were observed during a field evaluation.

A county road exists within one mile of the proposed well location.

(B) Biologic Environment:

Overstory vegetation along the proposed road route is

typical of the mountain brush type and is comprised of:

Gamble Oak	Utah Serviceberry
Mountain Mahogany	Mountain Maple
Bigtooth Maple	Utah Juniper
Rocky Mountain Juniper	Pinyon

Scattered individuals and alterns of small stands of the following occur along the proposed road route:

Ponderosa Pine	Douglas Fir
Quaking Aspen	Mountain Cottonwood

Understory vegetation is variable along the proposed road and includes:

Western Yarrow	Big Sagebrush
Western Wheatgrass	Woods Rose
Basin Wildrye	Smooth Brome
Annual Brome	Mountain Snowberry
Lupines	Elderberry
Bitterbrush	

The vegetation reported here is not a complete inventory but represents a major listing of the species encountered.

On the well site itself, the vegetative composition is dominated by Snowberry and Big sagebrush with an understory of some of the grasses listed above. Grass coverage is noted as less than 10%.

Fauna found in the general area of the proposed road and well include both managed wildlife species and domestic livestock. Managed wildlife species include mule deer, bear, and cougar. Small game species include cottontail rabbit, snowshoe hare, and forest grouse.

Non-game species are abundant and include coyote, gopher, eagles, hawks, chipmunk, various small rodents, and songbirds.

No steams are nearby the proposed well location.

Cattle grazing is evident north of the county road but livestock use in the immediately vicinity is minimal mostly due to poor access.

There are potential archeological sources covering a broad and general area. However, a check with the State Archeologist does not indicate an area needing an immediate survey.

II. PROBABLE IMPACT OF THE PROPOSED ACTION ON THE ENVIRONMENT:

Physically, the proposal will change the land use of approximately 3 acres in surface area. This is based on a 30' right-of-way for a 1.0 mile road and the operations pad measuring 250' x 300'. It is not anticipated that the construction would cause undue erosion or sedimentation.

In quantity, the amount of forage and habitat eliminated through road and pad construction will not be significant to animal utilization. With the initial road construction wildlife utilization of areas adjacent to the road and pad may be reduced. Following construction and with the limited use of the access road most wildlife will again utilize areas adjacent to the movement of vehicles.

Air and water degradation to any significant degree as a result of the drilling itself are not anticipated.

On the positive side of the impacts, a road into this area would be of value in the implementation of multiple-use management in the Bookcliffs.

III. MITIGATIVE MEASURES INCLUDED IN THE PROPOSED ACTION:

Stabilizing of the proposed drill pad is planned by the operator following operations. The pad will be stabilized even with the advent of installing production facilities in the case that a producing well is discovered. A production facility plan has been submitted. The seed mixture for planting is:

<u>SEED:</u>	<u>POUND/ACRE:</u>
Smooth Brome	4
Orchard Grass	3
Kentucky Bluegrass	1
Crested Wheatgrass	3
Meadow Foxtail	2
Ranger Alfalfa	2

Vegetative cover from grazing will be provided for two growing seasons through fencing. The road design calls for providing adequate drainage from the finished grade.

All applicable safety, blowout prevention, fire prevention, and spillage prevention will be in use for the drilling process itself. In the location of the road and pad the disturbance of merchantable timber will be avoided.

IV. ALTERNATIVES TO THE PROPOSED ACTION:

Status Quo:

Potential energy resources underlying said acreage may not be realized if exploratory action is not taken.

Alternative 2:

Drilling of the well with no environmental constraints; however, this particular alternative would not be authorized by this Division.

Alternative 3:

Drilling of the well with environmental considerations, such as: regrading, reseeding and stabilizing the drill pad, providing adequate drainage from the road grade, etc.

V. SHORT TERM USES OF THE ENVIRONMENT VS. LONG TERM PRODUCTIVITY:

With a relatively small disturbance in the short term, a productive liquid hydrocarbon discovery could be made. If the discovery would be of sufficient size the area would be productive for many years, yielding valuable and increasingly rare raw materials for the production of energy.

VI. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES INVOLVED IN THE PROPOSED ACTION:

The depletion of the oil reservoir, in the event a discovery is made would be an irreversible action, the resource would be beneficially utilized by man, and in such a matter relative to a current energy crisis, it is definitely recommended.

VII. CONCLUSION:

Due to the minimal disturbance and the great need for additional hydrocarbons; it is fully recommended that this project be granted.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: June 9- Sepoma Production
Operator: ~~Amesbury Corp.~~
Well No: #1 State #04
Location: Sec. 23 T. 17S R. 21E County: Grand

File Prepared

☒

Card Indexed

☒

API NO ☒
Entered on N.I.D.

Completion Sheet

☒

CHECKED BY:

Administrative Assistant

Remarks:

Petroleum Engineer

Remarks:

Director

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required

☒

Order No.

☐

Survey Plat Required

☐

Surface Casing Change
to

☐

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3

☒

O.K. In

Unit

Other:

6-14-77
Rec'd approval
from ECC

☒ Letter Written/Approved



May 24, 1977

STATE OF UTAH

Scott M. Matheson, Governor

DEPARTMENT OF
DEVELOPMENT SERVICES

Michael T. Miller
Executive Director
104 State Capitol
Salt Lake City, Utah 84114
Telephone: (801) 533-5961

Mr. Milo Barney, Chairman
Environmental Coordinating Committee
State Planning Office
118 State Capitol
Salt Lake City, UT 84114

Dear Mr. Barney:

RE: Anschutz #1 State 404 Wildcat Oil and/or Gas Well, Grand County

On the basis of staff review and recommendation, the State Historic Preservation Officer has determined that no known sites exist in the project area; and therefore the proposed project will have no known effect on any recognized or potential National Register historical, archeological, or cultural sites. Please be advised, however, that should artifacts or cultural objects be discovered during the construction stage, it is the responsibility of the Federal agency or community receiving block grant funds to notify this office immediately as provided for in the Utah State Antiquities Act of 1973 and Public Law 93-291.

Should you need assistance or clarification, please call or write Wilson G. Martin, Preservation Planner, Utah State Historical Society, 603 East South Temple, Salt Lake City, Utah 84102, 533-5755.

Sincerely,

Michael T. Miller
Executive Director
and
State Historic Preservation Officer

WGM:jjw:A718GN:4

cc: Mr. Patrick L. Driscoll, Chief Petroleum Engineer, Utah
Division of Oil, Gas, and Mining, 1588 West North Temple,
Salt Lake City, UT 84116

clearance

June 9, 1977

The Anschutz Corporation
c/o George Fentress
P.O. Box 113
Wheatridge, Colorado 80033

RE: Well No. 1 State 400, Sec. 17, T. 16 S, R. 23 E,
Well No. 1 State 920, Sec. 23, T. 16 S, R. 21 E,
Well No. 1 State 404, Sec. 23, T. 17 S, R. 21 E,
Well No. 1 State 915, Sec. 17, T. 16 S, R. 22 E,

Gentlemen:

No adverse comments having been received at the June 7, 1977, meeting of the "Environmental Coordinating Committee", approval to drill the above referred to wells is hereby granted. However, as per the request of the State Historic Preservation Officer, please advise this office immediately should artifacts or cultural sites be discovered during the construction process.

Should you determine that it will be necessary to plug and abandon these wells, please advise this office by calling:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations have commenced, and that the drilling contractor and rig number be identified.

The Anschutz Corporation
June 9, 1977
Page Two

The API numbers assigned to these wells are:

#450 - 43-019-30367
#404 - 43-019-30369

#920 - 43-019-30368
#915 - 43-019-30370

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

cc: Division of State Lands

Auschutz
State 404 - #1

B-175-21E

Grand



Looking S.E.

May 6, 1977

State 404



1110 DENVER CLUB BUILDING
518 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303-573-5665
TWX 910 931 2620

July 18, 1978

State of Utah
Dept. of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Kathy Ostler, Records Clerk

Dear Ms. Ostler:

As requested in your letter of June 8, 1978 the following is submitted.

To update your records the following wells have not yet been drilled
and our plans have not changed.

Well No. Federal 258-#4, Sec. 5, T. 18S, R. 24E,
Grand County, Utah

Well No. Federal 335-#2, Sec. 20, T. 19S, R. 23E,
Grand County, Utah

Well No. Federal 335-#4, Sec. 19, T. 19S, R. 23E,
Grand County, Utah

Well No. Federal 350-#1, Sec. 4, T. 18S, R. 24E,
Grand County, Utah

Well No. State 400-#1, Sec. 17, T. 16S, R. 23E,
Grand County, Utah

Well No. State 402-#1, Sec. 36, T. 17S, R. 20E,
Grand County, Utah

Well No. State 404-#1, Sec. 23, T. 17S, R. 21E,
Grand County, Utah

Well No. State 411-#2, Sec. 23, T. 18S, R. 20E,
Grand County, Utah

Well No. State 414-#1, Sec. 32, T. 18S, R. 21E,
Grand County, Utah





2400 ANACONDA TOWER
555 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303-825-6100
TWX 910-931-2620



May 15, 1979

Mr. Cleon B. Feight, Director
Division of Oil, Gas & Mining
State of Utah
1588 West, North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

The following wells have not commenced drilling and have been removed from our active files. Hence we no longer plan upon drilling them.

Federal 335 No. 2
Federal 335 No. 4
Federal 4275 No. 1
Federal 7674 No. 1

The following wells have not yet commenced drilling pending further geological evaluation:

Federal 258 No. 4
Federal 258 No. 7
Federal 258 No. 8
Federal 350 No. 1
Federal 350 No. 2
Federal 350 No. 3
State 400 No. 1
State 404 No. 1
State 414 No. 1
Federal 675 No. 3
State 7265 No. 2
State 7265 No. 3
Federal 4076 No. 14-23
State 920 No. 1

We are sorry if our lack of correspondence has created an inconvenience for you.

Very truly yours,


Peter B. Doty
Operations Coordinator

PBD:jp

P.S. Enclosed are the forms you requested on the Federal 675 No. 2.

ATTACHMENT, WELLS.

1)	Federal	258	No.	7
2)	Federal	258	No.	8
3)	Federal	350	No.	1
4)	Federal	350	No.	2
5)	Federal	350	No.	3
6)	State	400	No.	1
7)	State	402	No.	1
8)	State	404	No.	1
9)	State	414	No.	1
10)	State	7265	No.	2
11)	State	7265	No.	3
12)	State	920	No.	1
13)	Federal	675	No.	3
14)	Federal	4076	No.	14-23
15)	State	915	No.	1
16)	Federal	258	No.	4



2400 ANACONDA TOWER • 555 SEVENTEENTH STREET • DENVER, COLORADO 80202 • 303-825-6100 • TWX 910-931-2620

November 26, 1979

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Your letter dated 11-14-79
Well Information.

Attention: Debbie Beauregard

Debbie:

In reference to your letter of November 14, 1979, pertaining to the notification of spudding for 16 wells that you had on an attached list. We are no longer operator for these wells, and therefore have not sent you the notification, as these belong to ~~U.S. Geological Survey, Denver, Colorado~~. The information that you request will have to come from Texoma Production Company.

We will forward a copy of your letter to Texoma Production Co., and a copy of our letter, to you, so that they can comply with your request. Thank you.

Very truly yours,

Wayne C. Pierce
Production Manager

WCP:amc

CC: Texoma Production Company
U. S. Geological Survey

Location Abandoned

